

Remarks

Upon entry of the foregoing amendments, Claims 1-9 are pending. Claims 1 and 7 have been amended. In view of the amendments and following remarks, Applicants respectfully request reconsideration by the Examiner, and advancement of the application to allowance.

35 U.S.C. § 102(b) and § 103(a) under Carter

The Examiner rejects Claims 1-9 under 35 U.S.C. § 102(b) as anticipated by or, in the alternative under 35 U.S.C. § 103(a) as obvious, over U.S. Patent No. 6,017,994, listing Carter et al. as inventors (hereinafter "Carter").

Carter discloses water soluble polymers having pendant derivatized amide functionalities for scale inhibition (Carter, Col. 2, Line 65 to Col. 3, Line 2).

Claim 1, as amended, discloses a composition "one or more second component(s) useful in formulating soaps, cleaning compositions, hard surface cleaners, and laundry detergents."

Claim 7, as amended, discloses a composition comprising "at least one material useful in formulating soaps, cleaning compositions, hard surface cleaners, and laundry detergents."

Applicants respectfully submit that the cited reference fails to disclose each and every element of Applicants' invention. Carter fails to teach a composition of matter useful as a detergent comprising "one or more second component(s) useful in formulating soaps, cleaning compositions, hard surface cleaners, and laundry detergents," as recited by

amended Claim 1. Carter also fails to teach a composition useful as a detergent comprising "at least one material useful in formulating soaps, cleaning compositions, hard surface cleaners, and laundry detergents," as recited by amended Claim 7. The cited reference fails to disclose the recited limitations and therefore cannot anticipate Claims 1 and 7.

Applicants respectfully submit that the cited reference fails to disclose each and every element of Applicants' invention, as amended, and does not teach, suggest or make obvious any claim of Applicants' invention. The scale inhibition technology of Carter teaches corrosion inhibition, scale inhibition, and bacterium control (Carter, Col. 7, Lines 29-31). Rather, the detergent technology of Applicants' invention teaches polymers with low surface tension properties (See Application, Figures 1-4). One needs both hydrophobic (such as SURFONAMINE® ML-300 amine, see Application, bottom of page 7) and hydrophilic (carboxylic or polyethylene glycol have a methyl end cap (MPEG), see Application, bottom of pages 3 and 9) pendant groups on the polymer to achieve low surface tension and detergency. The combination of groups causes the polymer to form a micelle-like structure with the hydrophilic groups directed towards the bulk aqueous solution and the hydrophobic groups directed towards the interior to form a liquid hydrocarbon-like environment. The examples given by Carter et al do not have both hydrophobic and hydrophilic groups on the same molecule and would not reduce the surface tension of water or show any detergency properties. Carter's specific examples teach R^5 and R^6 of Formula (I) as being hydrogen (Carter, Col. 3, Lines 12-20; Col. 4, Lines 15-38; Col. 5, Lines 29-42). Rather, Applicants invention uses COO^- or MPEG groups which create a greater anionic nature that creates a better detergent with lower

surface tension properties. For the above reasons, Applicants argue that Carter does not teach, suggest or make obvious Applicants' invention.

Given that Claims 2-6 depend from Claim 1 and 8-9 depend from Claim 7, Applicants respectfully submit that Claims 2-6 and 8-9 are allowable. Accordingly, applicants respectfully request that the Examiner reconsider, withdraw the rejection and allow Claims 1-9.


Conclusion

In view of the foregoing amendments and remarks, Applicants respectfully submit that the application is now in condition for allowance, and respectfully request issuance of a Notice of Allowance directed towards the pending Claims.

Should any fees be due in connection with the filing of this document, the Commissioner for Patents is hereby authorized to deduct said fees from Huntsman Corporation Deposit Account No. 08-3442.

Please date stamp and return the enclosed postcard acknowledging receipt of this material.

Respectfully Submitted,



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